



National Weather Service

Storm Data and Unusual Weather Phenomena



October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>MINNESOTA, Central and South Central</u>							
Dakota County							
Burnsville	04	0603CST			0 0		Lightning
							The lightning bolt produced minor damage to a home on Butternut Lane.
Dakota County							
Burnsville	04	0615CST			0 0		Lightning
							Lightning struck the gas main of a home on Bluebill Bay Road, sparking a four alarm fire. There was significant damage to the home, but no injuries.
Freeborn County							
Albert Lea	04	1415CST			0 0		Hail(1.00)
Freeborn County							
Twin Lakes	04	1435CST			0 0		Hail(1.00)
							Reported by Twin Lakes U.S. Post office employee.
Freeborn County							
Emmons	04	1445CST			0 0		Hail(1.75)
Martin County							
Fairmont	04	1551CST 1555CST			0 0		Thunderstorm Wind (MG52)
							Reported by KSUM radio. A 50 knot gust was also measured at the AWOS at the Fairmont airport.
Faribault County							
Bricelyn	04	1559CST 1600CST			0 0		Thunderstorm Wind (EG58)
							Large branches down, trees felled, and a few power lines down.
Faribault County							
Bricelyn	04	1624CST 1625CST			0 0		Thunderstorm Wind (EG58)
							Power lines down. Ten to twelve foot trees down, trees in power lines.
Chisago County							
Wyoming	04	1628CST 1629CST			0 0		Thunderstorm Wind (MG54)
							Measured with Davis Vantage Pro System.
Faribault County							
Bricelyn	04	1630CST 1631CST			0 0		Hail(1.50)
Freeborn County							
Alden	04	1653CST 1654CST			0 0		Hail(0.88)
Blue Earth County							
2 W Mapleton	04	1709CST 1710CST			0 0		Hail(0.88)
Benton County							
Sauk Rapids	04	1800CST 2300CST			0 0		Flash Flood
							Street flooding. Rainfall totaled 5.57 inches in Rice.
Kanabec County							
Countywide	04	1800CST 2300CST			0 0		Flash Flood
							Water was crossing several roads, especially around Mora, where 6.11 inches fell.
Chisago County							
Countywide	04	1815CST 2300CST			0 0		Flash Flood
							The Harte/Second intersection in Rush City was completely under water. Several residences in this area were sandbagged and or incurred water in their basements up to 3 feet deep. Many other homeowners in Rush City also had minor basement flooding.



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MINNESOTA, Central and South Central

County Road 30 south of Rush City was flooded with water up to six inches deep. A few roads had waist deep water. County roads 1, 39, 52, 53, 54 and 56 were also flooded. The Rush City Airport reported 9.59 inches of rain for the event, with 8.98 inches in Rush City proper. Wild River State Park reported 7.05 inches. Due to flooding, the Rush City School District cancelled classes on Wednesday. Interstate 35 also had one to three feet of water on the road between Rush City and North Branch

Hennepin County **Countywide**

04 1835CST **0 0** **Flash Flood**
2300CST

Flooding was widespread across much of the county. In Minneapolis, a section of East River Road (behind Elliot Hall on the University of Minnesota Campus) washed out. Water rushing through intersection at 38th and Cedar was knee deep and pouring over automobile bumpers, and flooding was over curbs. Flooding in yards in the 4100 block of 31st Avenue was up to 18 inches deep, where a rain gauge measured 4.25 inches 2130 CST. Interstate 35W near Diamond Lake Road was closed. Minnehaha Creek overflowed its banks between Lakes Harriet and Nokomis. In the southern Minneapolis suburbs, portions of Highway 494 were also closed during the evening hours. In Eden Prairie, there was damage to a culvert on West 78th Street at Nine Mile Creek. City repair crews repaired sink holes that developed in the westbound and eastbound traffic lanes after sandy soil beneath the pavement was washed away. Cars flooded at Highway 5 and Mitchell, and the exit ramp from 494 and Valley View Road required mud and sand removal. In Richfield, one foot of water gathered at the intersection of Portland and 70th St. In Bloomington, American Blvd between Nicollet Ave and Portland (0.25 miles SE of I-494 at Nicollet Ave), was flooded over the curbs, cars became disabled, and the road was impassible. Some people in St Louis Park were rescued from flooded vehicles. Rainfall totals included 6.2 inches in Minnetonka and 4.86 inches in South Minneapolis (Chowen and 40th), and 4.27 inches in Golden Valley.

Ramsey County **Countywide**

04 1845CST **0 0** **Flash Flood**
2300CST

Curb deep water was reported on Lincoln St., from Fairview to Ashland. One foot of water was crossing roadways on the west side of St Paul, mostly around Highland Park. Flooding was also reported at the intersection of Interstate 35W and County Road D in Roseville. 7.00 inches fell in Maplewood, 4.72 inches fell at another location in Maplewood, and 3.56 inches rain was measured in North St Paul.

Carver County **Chaska**

04 1900CST **0 0** **Flash Flood**
2300CST

Several streets flooded Chaska, where a few roads had waist deep water. One automobile stalled due to the flooding. The NWS office in Chanhassen recorded 4.61 inches rain.

Dakota County **Countywide**

04 1900CST **0 0** **Flash Flood**
2300CST

Flooding was widespread. Several low lying sections of roads closed in and around Burnsville, including Cliff Road at Nicollet Avenue, sections of County Road 11 between McAndrews Road and Highway 13, sections of Burnsville Parkway between County Road 11 and Nicollet Avenue, and County Road 5 at Southcross Drive. Heavy rain also washed out bedding beneath the railroad tracks in the Minnesota River bottom. Dupont Avenue was subsequently blocked by stalled train cars and remained closed for at least 18 hours. In Apple Valley, knee deep water reported over the road near intersection of County Rd 42 and Pennock Ave. In Eagan, a small pond developed behind Eagan Community Center. Two feet of water reported in crawl space under house located at 1303 Windcrest Ave. Nicols Road south of Erin Drive was closed due to standing water. Burnsville recorded 6.76 inches of rain, a spotter in Inver Grove Heights had 5.67 inches, and 4.75 inches were measured in Lakeville



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MINNESOTA, Central and South Central

Mille Lacs County

Countywide

04 1900CST 0 0 Flash Flood
2300CST

Many roads around Milaca were covered with up to one foot of water. Onamia saw 4.18 inches rain.

Scott County

Countywide

04 1900CST 0 0 Flash Flood
2300CST

Flooding was widespread. In Shakopee, street flooding was reported, and flooding was also noted in several residential basements, along with water retention ponds overflowing their walls. Several gravel alleys and streets were washed out. At Huber Park, volunteers pumped water out of the footings they dug the day before for a community playground. A classroom had to be relocated at the Sweeney Elementary School. The classroom sustained water damage from the flooding. Specific road flooding included: Near the junction of 4th Avenue East and Dakota Street and along 10th Avenue East, near Market Street. Portions of First Avenue flooded, making the roadway almost impassable. Sections of Valley View Road closed temporarily when mud washed down the bluff. In New Prague, Standing water forced the evacuation of automobiles to higher ground from Palmer Welcome Auto, located on Highways 13 and 21. Standing water was also reported in many New Prague Intersections and low lying areas of the city. Flooding was also reported in many residential basements and swollen ditches and creeks. Some of the areas most affected by rising water were Second Avenue NW, just North of Wells Fargo Bank and the Strike Force Bowl, and First Avenue NW, just south of Scott County Road 37, near Philipp's Creek. In Savage, police were dispatched to flooding reported at 14000 block of Hunters Lane. Police received another report about a stalled vehicle in standing water on South Park Drive and Louisiana Ave, and also at West 143rd Street, between O'Connel Road and Salem Avenue. Additional flooding was noted downtown on 126th Street, with water rising most severely at the Natchez and Lynn Avenue intersections. As the evening progressed heavy flooding reported at Yosemite Avenue and 139th Street. Savage Public Works crews were called out to Yosemite Ave. and Connelly Parkway where water levels were rising rapidly from a drainage pond. A series of ponds along Yosemite Avenue South of 137th Street spilled over onto the roadway. The Fire Department shut down Quentin Avenue when the banks of the Credit River flooded over onto the road and spilled onto Highway 13. Flooding in one home was also reported just south of the Quentin Avenue bridge. 4.55 inches rain was measured in Savage.

Washington County

Countywide

04 1900CST 0 0 Flash Flood
2300CST

Flooding was widespread. In Woodbury, there was backyard flooding on Duckwood Trail, two miles south of Interstate 94 near Radio Drive. Several large ponds developed, with the largest pond encompassing 50 ft. by 150 ft. and up to 3.5 feet deep. One foot of moving water in back yards and streets was near the east side of Eagle Valley Golf course in Woodbury, located South of Valley Creek Rd. on Cottage Grove Dr. In Cottage Grove, one to two feet of water was reported on 80th Street between Jamaica and Hornell Ave. Waist deep water occurred at the bottom of the hill on Hardwood Ave, north of 80th St. Ten vehicles were floating at this location. A spotter measured 7.5 inches rain in Woodbury (near Lake Road and Radio Drive), while another Woodbury spotter (near Highland Circle and 90th), registered 7.04 inches total, including 5.74 inches between 1900 and 2230 CST. A storm chaser in Oakdale picked up 6.5 inches, and 5.62 inches fell in Stillwater.

Anoka County

South Portion

04 1930CST 0 0 Flash Flood
2300CST

Street flooding was reported in Fridley and Columbia Heights, where 4.55 inches rain were recorded.



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MINNESOTA, Central and South Central

Watonwan County

Countywide	04	1940CST 2300CST			0	0		Flash Flood
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Two feet of water crossed several roads.

Blue Earth County

Countywide	04	2000CST 2300CST			0	0		Flash Flood
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Numerous streets were flooded in Mapleton, and a few in Mankato.

Isanti County

Countywide	04	2000CST 2300CST			0	0		Flash Flood
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Roads flooded across portions of Isanti County include: County roads 55 (south of Highway 65), County Road 24, and roads in the city of Crown. County Road 12 in Athens county was damaged, with shoulders and sections of the roadway stripped down to dirt. Approximately nine inches rain fell in Spencer Brook, and 8.7 inches were measured six miles west of Cambridge.

Le Sueur County

North Portion	04	2000CST 2300CST			0	0		Flash Flood
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In Langsburgh Township, County Road 144 was under water. In New Prague, Flooding was also reported in many residential basements and swollen ditches and creeks. Some of the areas most affected by rising water were: Le Sueur County Road 29 (just east of the railroad tracks) and also just south of Scott County Road 37, near Philipp's Creek.

Martin County

East Portion	04	2000CST 2300CST			0	0		Flash Flood
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County Road 53 south of Granada was flooded with over six inches of flowing water.

Scott County

Savage	04	2040CST			0	0		Lightning
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Lightning damaged computers, garage door openers, and other small appliances at the Heatherton Ridge Drive residences on the 14000 block of Heatherton Ridge Drive, and an alarm system at the Comfort Inn on Highway 13 was damaged.

Washington County

Cottage Grove	04	2105CST			0	2		Lightning
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A lightning strike hit a home in the 7900 Block of 71st Street. The bolt caused an immediate explosion, and injured two 50 year olds who owned the home. The individuals were transported to Regions Hospital, where they were listed in fair and stable condition on the 5th. The fire destroyed the residence and caused some damage to neighboring residences.

MNZ043-050-060-062-068>069

Morrison - Benton - Hennepin - Ramsey - Carver - Scott

04	2300CST			0	0		Flood
05	1100CST						

In Morrison County, roads were barricaded near the intersection of State Highway 25 and Highway 234. In Benton County, creeks and rivers overran their banks with quite a few lowlands across the county water covered. Some road water covered. In Hennepin County, Minnehaha Creek flooded over its banks in South Minneapolis. Nearby roads including Minnehaha Parkway remained under water. Street flooding was reported in many cities including Hopkins, Minnetonka, Deephaven, St. Anthony, Minneapolis, and Bloomington. Many people reported water in their basements. St. Louis Park had significant street flooding in the following areas: Hwy 100 at 36th St., Louisiana at Walker, County Road 25 and Minnetonka Blvd. at Huntington, Minnetonka Blvd at Rhode Island. In Scott County, Credit River near Highway 13 overflowed its banks, and flooded a side street along the highway in front of the Fire Department. In Carver County, Market and 79th Street remained under water, and Prescott Court flooded. A storm water pond near Longacres Drive overflowed its banks. In Ramsey County, there was underpass and parking lot flooding across Roseville. In New Brighton, underpass and parking lot flooding across town, and approximately 20 cars were totally or partially submerged in a parking lot of the Polynesian Village apartment complex in the 1400 block of 10th Street Northwest.



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MINNESOTA, Central and South Central

MNZ070

Dakota

04 2300CST
06 0500CST

0 0

Flood

The south portion of Bohrer Pond in Inver Grove Heights (just north of 67th Street near Clayton Avenue) overflowed. Water reached up to two feet deep in crawl spaces of the townhomes near the pond. Outside of their homes, water reached up to residents waists. Several vehicles were damaged near Bohrer Pond from the rising water. Flooding was also reported throughout the city of Lakeville. The most intense flooding occurred near 167th Street and Cedar Avenue. Approximately 10 homes in the area had significant flooding. Eight homes on 167th Street on both sides of Cedar Avenue were sandbagged after their owners were safely evacuated. Six blocks of Cedar Avenue were also closed due to rising water between 164th and 170th streets for several hours. A basement wall collapsed due to flooding at 175th Street and Java Court. In some areas water had risen to three to four feet in depth. A resident in the area of 167th Street and Cedar Avenue reported a storm total of 5.5 inches in his home rain gauge. Lakeville Public Works Department monitored drains and sandbagged areas throughout the night. Residents displaced by the rising water returned to their homes on the morning of the 5th.

MNZ044>045-052>053-063

Mille Lacs - Kanabec - Isanti - Chisago - Washington

04 2300CST
05 1700CST

0 0

Flood

In Mille Lacs County, County Roads 1 and 2 flooded, and the intersection of Keystone Road and 110th Avenue was also under water. In Kanabec County, water was over the road on County Road 11 at 153rd Avenue, and County Road 11 was barricaded for awhile in the City of Mora. County Road 47 was barricaded near Lewis Lake. Water was also over the roads in the southern portion of Kanabec county, but did not warrant barricades. In Isanti County, Spencer Brook and the Rum River (in the area of Spencer Brook) flooded beyond its banks. Two roads were under water, and two cabins were partially flooded near the Rum River bridge (off of 307th Ave, from northwest to west of County road 7). The roads under water were Whiting Street NW and 307th Ave. NW. In Chisago County, Interstate I-35 Southbound near Rush City and County Road 30 remained shut down for many hours. One to three feet of water was reported over roads between Rush City and North Branch. An official disaster was called by county officials. Ten to fifteen homes in Rush City had water up to their foundations and many streets were flooded. Five families were evacuated from an apartment building near the Rush City elementary school. The lower portion of the apartment complex incurred water damage to carpeting and wall board. Several townhomes in South Field Estates saw extensive flooding. One elderly woman in this area had to be rescued by boat during the overnight of the 4th. Harte Avenue near Jacobson Elementary School was completely flooded and remained so into the morning of the 5th. Due to the standing water, school was cancelled for the day. Homes were sandbagged on 2nd Street in Rush City. Many fields in the Rush City Area and sod fields near North Branch had standing water into the morning of the 5th. In Washington County, Streets and Basements were flooded across much of the county. Water rose up to four feet over lakes, streets and homes in some areas. The Woodbury Mayor signed a Declaration of Emergency during the early morning hours on the 5th.

WISCONSIN, West

Barron County
Countywide

04 0830CST
1030CST

0 0

Flash Flood

Numerous roads in and around Rice Lake had two feet of water across them. Soybean sheds were also flooded with two feet of water.



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<u>WISCONSIN, West</u>									
Rusk County									
Ladysmith	04	0830CST 1030CST			0	0			Flash Flood
Numerous intersections in Ladysmith were flooded with deep water, mainly on the east side of town.									
Chippewa County									
Chippewa Falls	04	1246CST			0	0			Lightning
Lightning hit a home on Bridgewater Avenue, causing an electrical meter to be blown off the wall. Information reported by the Chippewa Herald newspaper.									
Chippewa County									
Chippewa Falls	04	1251CST			0	0			Lightning
Lightning struck three garages on Prentice Street. An electrical panel on one garage was destroyed, along with some siding. The second garage had a window blown out, and the third had its electrical panel blown off. Lightning struck a 70 foot spruce tree on W. Cedar St. in Chippewa Falls (time unknown), severely damaging the tree, along with blowing out a window on the home. Information partially provided by the Eau Claire Leader-Telegram and the Chippewa Herald Newspapers.									
Chippewa County									
Chippewa Falls	04	1422CST			0	0			Lightning
Lightning hit the RCU building on Bay Street. No damage was reported but most of downtown Chippewa Falls lost power for several hours. Information provided by Eau Claire Leader-Telegram newspaper.									
Barron County									
Countywide	04	1815CST 2300CST			0	0	225K		Flash Flood
Water up to three feet deep flooded cars in the city of Barron. Elsewhere in Barron County, four bridges in Doyle Township, several miles east of Rice Lake, were washed out. Three of the bridges crossed Spring Creek, and the fourth crossed Pokegama Creek. Numerous roads were also closed. Reports of rainfall ranged from 12.5 inches in northeastern Barron County, to 7 inches in the central portion of the county, to approximately 4 inches in the southern portion of the county. All were taken from citizen back yard gauges.									
Polk County									
Countywide	04	1815CST 2300CST			0	0			Flash Flood
Several roads flooded around the county, especially in the northern portion from Frederic to Lewis. Some washouts occurred in and around culverts. Some driveways were damaged.									
Rusk County									
Northwest Portion	04	1830CST 2300CST			0	0			Flash Flood
Numerous roads were flooded north of Weyerhaeuser and Bruce.									
Pierce County									
River Falls	04	2100CST 2330CST			0	0			Flash Flood
Main Street and several other city streets were flooded.									
St. Croix County									
River Falls	04	2100CST 2330CST			0	0			Flash Flood
Several city streets were flooded.									
WIZ015>016									
Barron - Rusk									
	04	2300CST			0	1			Flood
	06	0500CST							
In Rusk County, several county and township roads were washed out, including County Road I north of Tony, County Road X north of Highway 8, and eastern sections of County Road B. Many county roads were closed due to flooding, and almost every major road									



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WISCONSIN, West

north of U.S. 8 was closed. Other closed highways included north sections of Highways 27 and 40. So many roads needed to be barricaded that county officials began to run out of barricades. During the early morning hours of the 5th, a woman in an SUV plunged into a crevice at the Alder Creek bridge on U.S. 8. She incurred several injuries ranging from bruises to fractured ribs and a bruised heart, and was hospitalized for a week. All school districts in Rusk County closed on the 5th. The main street in Weyerhaeuser flooded. In Barron County, numerous roads remained under water after the initial flash flooding. The city of Rice Lake had to close some streets due to flooding.

WIZ014

Polk

04 2300CST
05 1700CST

0

0

Flood

Roads remained flooded around Frederic and Lewis.